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NEWS 3 JUL 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS
NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
fields
NEWS 5 AUG 02 CAplus and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover!
(Version 7.01 for Windows) now available
NEWS 7 AUG 27 BIOPCOMMERCE: Changes and enhancements to content coverage
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 12 SEP 27 STANDARDS will no longer be available on STN
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004

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FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 2 NOV 2004 HIGHEST RN 774165-06-9
DICTIONARY FILE UPDATES: 2 NOV 2004 HIGHEST RN 774165-06-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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=> S EHWSYL.RP/sqsp
L1 1 EHWSYL.RP/SQSP

=> FIL CAPPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE
USPAT2 EUROPATFULL
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 26.92 27.13

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=> FIL CAPPLUS MEDLINE EMBASE SCISEARCH BIOSIS

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| FULL ESTIMATED COST | 11.57 | 38.70 |

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=> FIL CAPLUS MEDLINE EMBASE SCISEARCH BIOSIS
 COST IN U.S. DOLLARS SINCE FILE TOTAL
 FULL ESTIMATED COST ENTRY SESSION
 4.95 43.65

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=> s 11
 'SQSP' IS NOT A VALID FIELD CODE
 L2 1 L1

=> d 12 bib ab hit

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1988:82207 CAPLUS
 DN 108:82207
 TI HPLC of leuprolide acetate in injectable solutions
 AU Sutherland, J. W.; Menon, G. N.
 CS Pharm. Prod. Div., Abbott Lab., North Chicago, IL, 60064, USA
 SO Journal of Liquid Chromatography (1987), 10(10), 2281-9
 CODEN: JLCHD8; ISSN: 0148-3919
 DT Journal
 LA English
 AB A stability-indicating HPLC method based on a 5- μ octadecylsilane column and pH 6.5 0.057M aqueous monobasic ammonium phosphate solution-MeCN (77:23 by volume) mobile phase, and UV detection at 220 nm was used for the determination of leuprolide acetate in injections. Et p-hydroxybenzoate was the internal standard. The relative standard deviation was 1.8% and the method was also successfully used for the determination of impurities/precursors occurring

during the drug manufacture. The drug was more stable at pH 3.3 than at pH 10.3 when heated at 100° for 16 h. Glu1-leuprolide was the major degradation product when the drug was treated with 0.1N HCl at 40° for 48 h.

IT 35925-21-4 112642-13-4 112642-14-5 112659-18-4
RL: ANT (Analyte); ANST (Analytical study)
(determination of, as leuprolide impurity by HPLC)

=> FIL REGISTRY

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 7.87 | 51.52 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -0.70 | -0.70 |

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> S 112642-13-4/RN

L3 1 112642-13-4/RN

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 112642-13-4 REGISTRY
CN Luteinizing hormone-releasing factor (swine), 1-L-glutamic acid-6-D-leucine-9-(N-ethyl-L-prolinamide)-10-deglicinamide- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

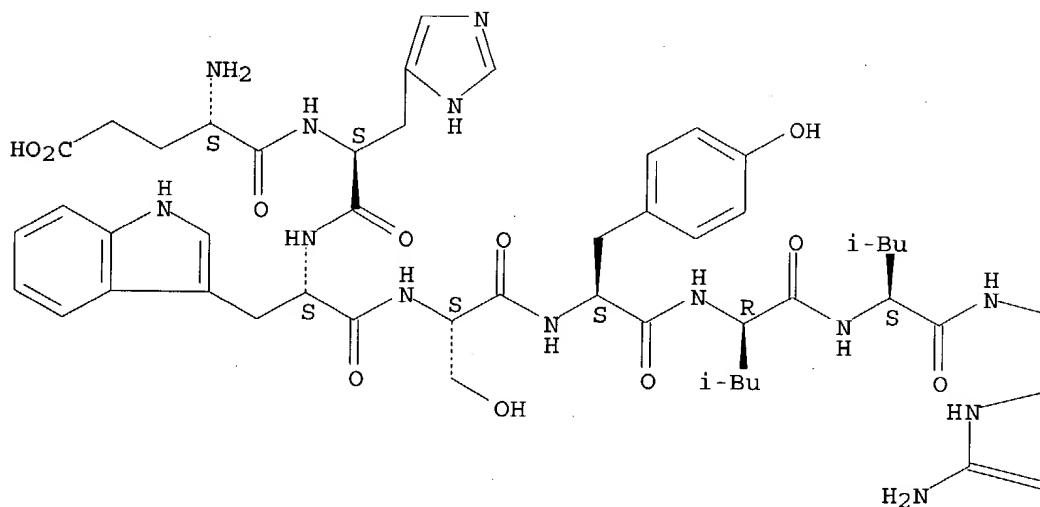
CN Luteinizing hormone-releasing factor (pig), 1-L-glutamic

acid-6-D-leucine-9-(N-ethyl-L-prolinamide)-10-deglicinamide-
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 9
NTE modified

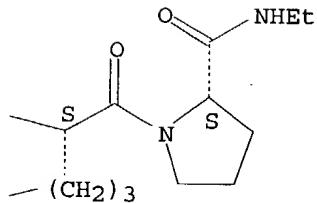
SEQ 1 EHWSYLLRP
MF C59 H86 N16 O13
SR CA
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: ANST (Analytical study)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



=NH

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name:

Sheridan Snodder

Examiner #:

79298

Date:

11/4/04

Art Unit: 653

Phone Number: 2-0959

Serial Number: 09/787 436

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If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention:

Inventors (please provide full names):

Earliest Priority Filing Date:

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search formula of claim 23.

Species pGlu-His-Trp-Ser-Tyr-D-Leu-

Npg-Arg-Pro-NH₂H₅